

Minutes of P-14 Committee on Overcurrent Protection Devices

Monday, October 17, 2005 Doubletree Hotel Memphis Downtown Memphis, TN

P14 Committee's scope: Covers the setting of standards and specification for supplementary overcurrent/overvoltage type devices to be used in low-voltage applications in electric and electronic equipment. These include fuses, electromechanical or solid state circuit protection devices, positive temperature coefficient (PTC) thermistor-type devices, fusible resistors, varistors, thyristors, gas discharge tubes and other devices. The Committee shall not develop standards and specifications for branch circuit protection or panel mounted devices that are covered under the National Electric Code NFPA 70.

Attendees:

| NAME | COMPANY |
|----------------|-----------------|
| Terry Charles | Panasonic |
| Dan Giblin | Cooper Buseman |
| Mike Lauri | IBM |
| Carl Lindquist | SAN-O |
| Laird Macomber | Cornell Dublier |
| Chris Reynolds | AVX |

Chairman Dan Giblin called the meeting to order at 2:10pm.

1.0 Committee Organization and Procedures

1.1 Membership, introductions and attendance

The roster was circulated for attendance. We have a quorum.

1.2 Approval of the Agenda

The agenda was unanimously approved.

1.3 Approval of the Minutes

The minutes were unanimously approved.

1.4 Correspondence

No reports

1.5 DSCC Report

No reports

2.0 Old business

2.1 Ad-Hoc Committee updates

2.1.1 Mechanical Outlines – C. Lindquist

The P4 committee will meet on Wednesday at 2:00pm. Carl Lindquist indicated that the website is operational. Ed Mikoski said the database will be completed by next meeting. Carl Lindquist received documents from the resistors, capacitors and inductors committees; however they will need to be updated to reflect the latest revision of PDP 100.

2.1.2 TIA Surge Withstand – C. Lindquist

The TIA committee will meet in August. They have generated draft 11 of withstand protectors for fuse and PTC. The final document is scheduled for release during the late spring after the TIA meeting and UL review the document. Following this approval, TIA committee will draft a working guide for 41.7.5.

2.2 Review any submittals to P-4 committee

No additional information from other groups. There are 2 additional digits added to the numbering scheme in order to address new products.

2.3 Open Projects

2.3.1 Vote on sending PN-5072, Surge Withstand Telecommunications Fuse Qualification Specification out on SP ballot to become an EIA and ANSI Standard.

The committee suggested we move forward and published the EIA document and will update this document once the TIA working group (TR 41.7.5) complete their work on the white paper.

2.3.2 Vote on sending PN-5073, Low Voltage Supplemental Fuse Qualification Specification out on SP ballot to become an EIA and ANSI Standard.

Dan Giblin addressed all negative issues and discussed those concerns with EIA, therefore the document should be move on to ANSI balloting. We must define the voting members' pool for ANSI approval. It was unanimously decided to send PN5073 out for ANSI ballot. Below are the propose voting member pool:

Manufacturer: Cooper Bussman(Dan), SanO(Carl), Panasonic(Terry), AVX(Chris)

Users: Intel, IBM, Lucent, Cisco Systems

General Interest: Cornell Dublier(Laird), TDK(Mike), Koa(Mike), Kemet(Jason)

Terry to provide address of all members above, but this list is not to be published in this document.

2.3.3 Review document PN-5074, User's Application Guide to Fuses. This document is being re-opened for updates. The document will be reviewed in an ad-hoc committee after the meeting. Everyone is encouraged to review the document beforehand and come prepared to discuss.

Dan provided hardcopy of document for all to review and comment before next meeting. **Reference EIA-772 hardcopy.**

2.4 Modification of Technology Roadmap

There were no updates of Roadmaps at this time.

3.0 New business

3.1 New Projects

Dan Giblin will attend the next meeting, however, his responsibility will change and he may no longer be able to attend future meetings. We should consider a possible new chairman at the next meeting. Dan asked if Carl to considered taking his place. Mike mentioned that most of the members of this committee are Chairman's of other committees. It was recommended that Terry Charles should take over.

4.0 Review of Action Item assignments

- 1) Dan will get with Cecilia to make sure PN5072 is sent out for balloting.**
- 2) 5073 Voting list is done.**
- 3) Application Guide: Dan will work with Carl to finalize and send out to various manufacturers for comments.**

5.0 Next meeting

The next meeting will be held the week of 24-29 April 2006 at the Sheraton Yankee Trader Beach Hotel in Ft. Lauderdale, FL.

6.0 Adjournment

The meeting was adjourned at approximately at 3:10pm.

This meeting was conducted in accordance with the EIA Legal Guidelines and the Manual of Organization and Procedures.

Dan Giblin

Dan Giblin
Chairman

Terry D. Charles
Secretary